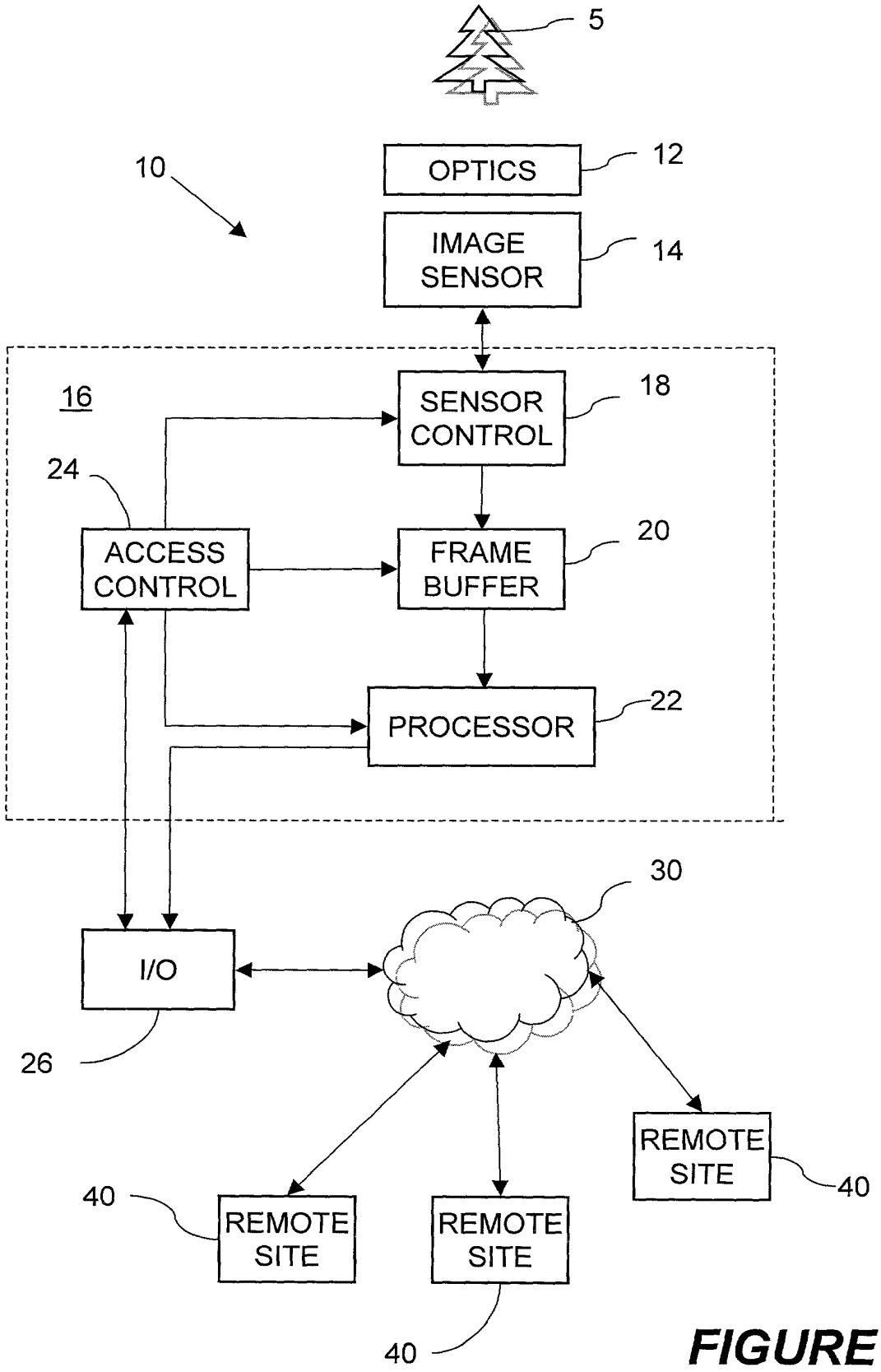
5
10
OPTICS
12
IMAGE SENSOR
14
16
SENSOR CONTROL
18
24
ACCESS CONTROL
FRAME BUFFER
20
PROCESSOR
22
30
I/O
26
REMOTE SITE
40
REMOTE SITE
40
REMOTE SITE
40

FIGURE 1

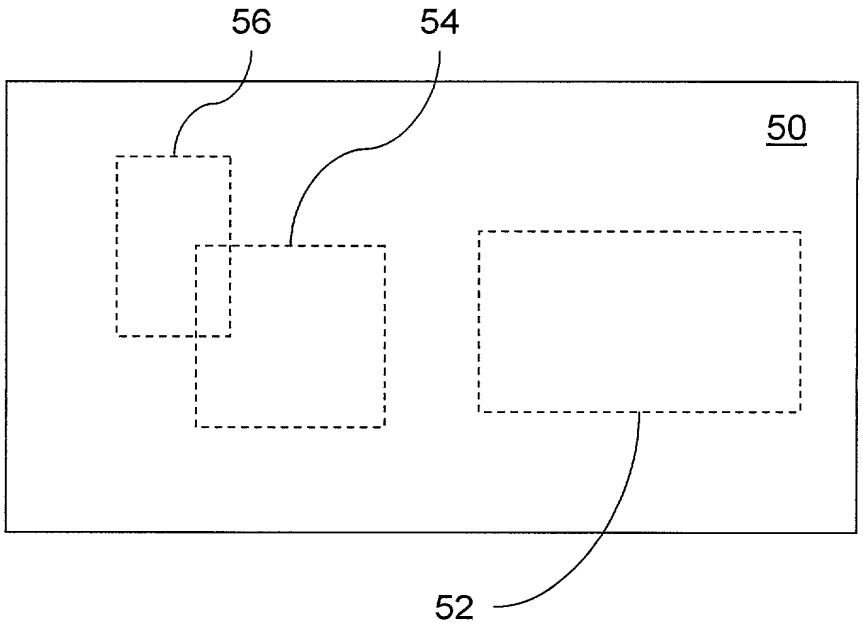

FIGURE 2

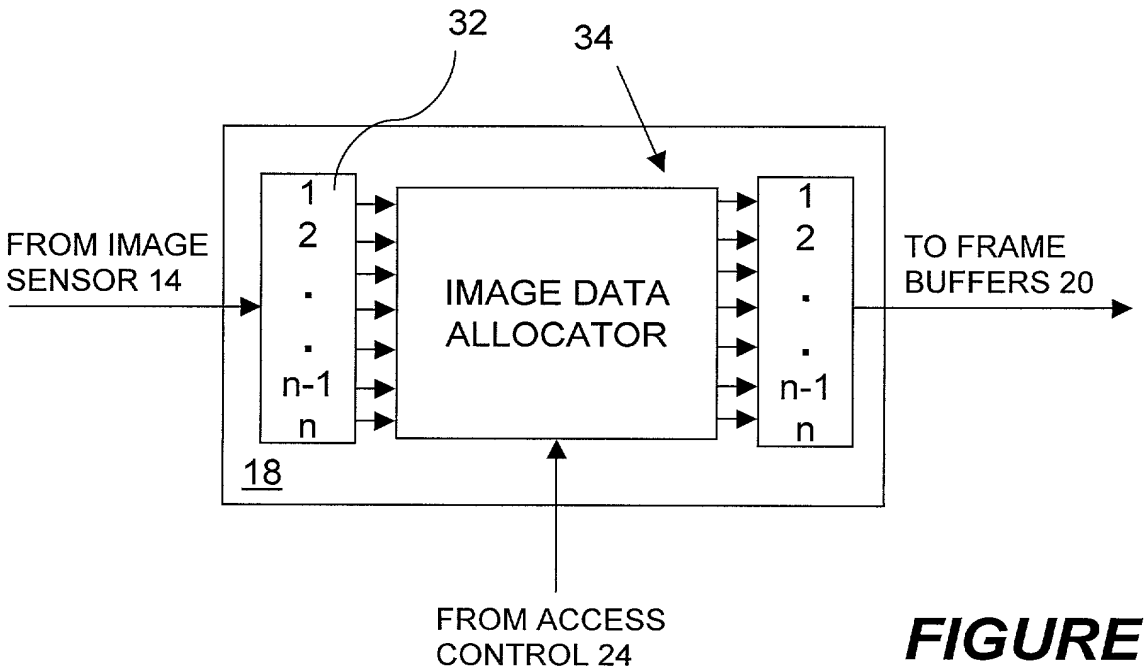

FIGURE 3

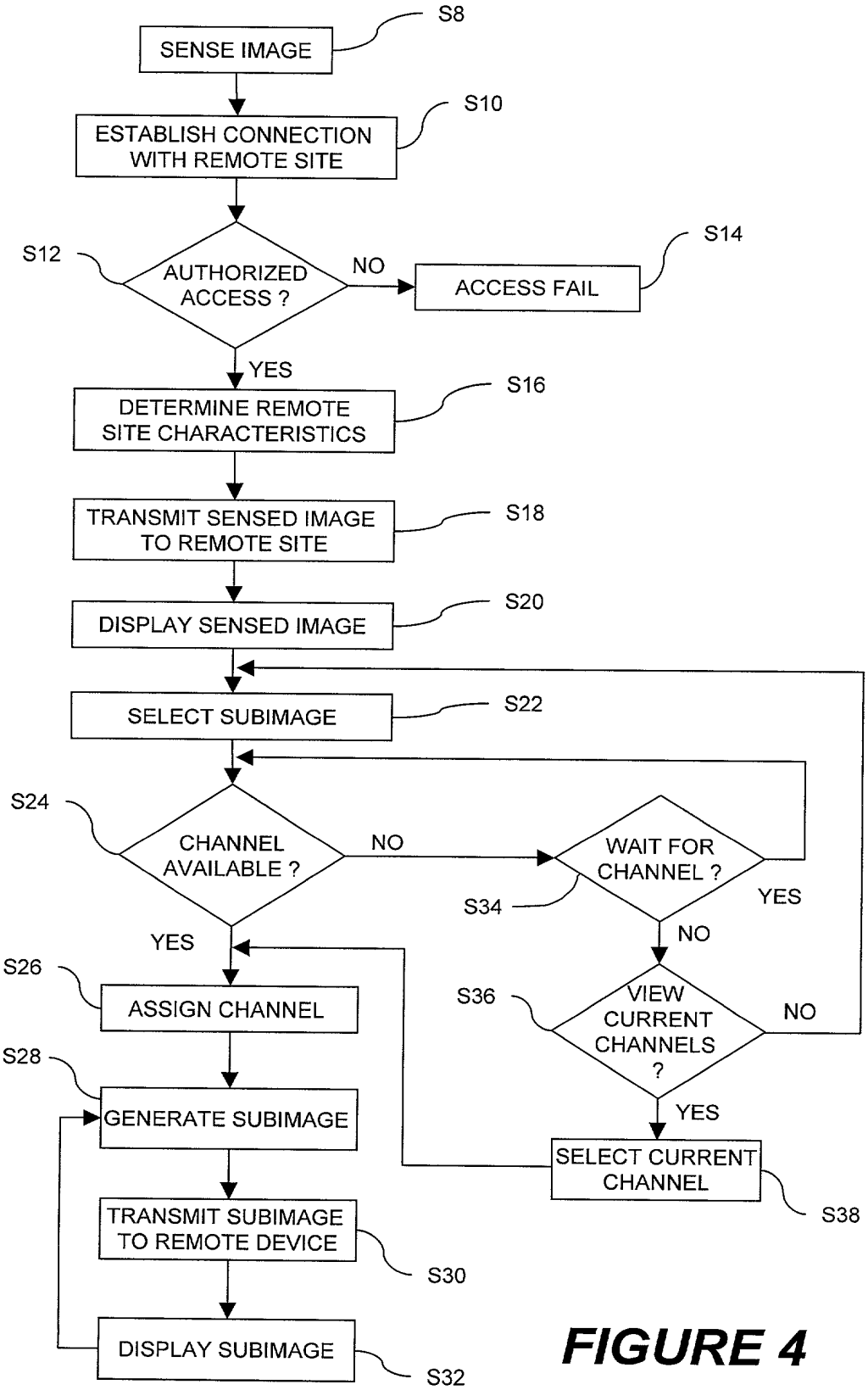
S8
SENSE IMAGE
S10
ESTABLISH CONNECTION WITH REMOTE SITE
S12
AUTHORIZED ACCESS ?
NO
S14
ACCESS FAIL
YES
S16
DETERMINE REMOTE SITE CHARACTERISTICS
S18
TRANSMIT SENSED IMAGE TO REMOTE SITE
S20
DISPLAY SENSED IMAGE
S22
SELECT SUBIMAGE
S24
CHANNEL AVAILABLE ?
NO
WAIT FOR CHANNEL ?
S34
YES
NO
YES
S26
ASSIGN CHANNEL
S36
VIEW CURRENT CHANNELS ?
NO
S28
GENERATE SUBIMAGE
YES
SELECT CURRENT CHANNEL
S38
TRANSMIT SUBIMAGE TO REMOTE DEVICE
S30
DISPLAY SUBIMAGE
S32

FIGURE 4

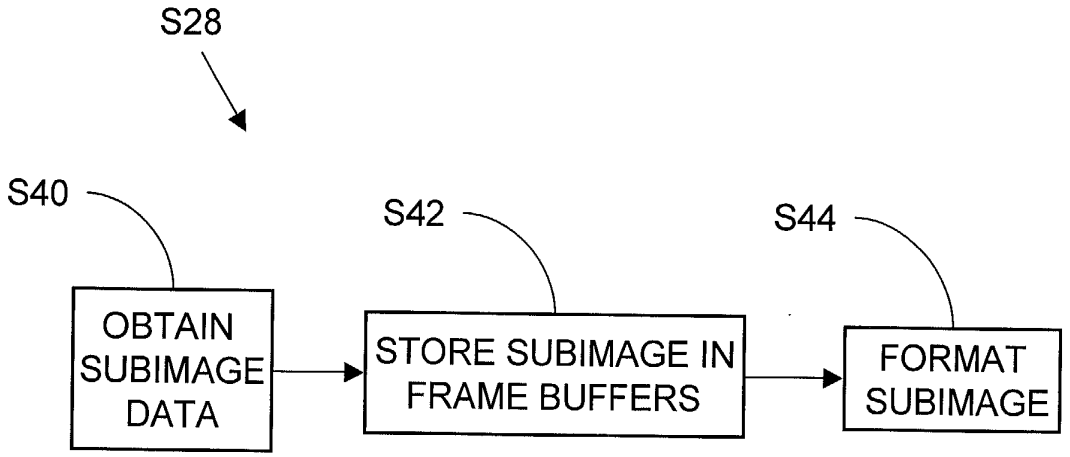
S28
S40
S42
S44
OBTAIN SUBIMAGE DATA
STORE SUBIMAGE IN FRAME BUFFERS
FORMAT SUBIMAGE

FIGURE 5